

Compatibility Test Report between weather sealant and IG sealants

Request by	TI Turkey
Test Report	21/088
Date	25/05/2021
Test Method	IFT Guideline DI-01/1

➤ Products

Test Material :

Illbruck FS500

IG sealants :

TREMCO JS442 MF

TREMCO JS443

TREMCO JS680

TREMCO JS880

➤ Conclusion

Compatibility evaluation :

The tests prove that there is no problem of compatibility between the weather sealant ILLBRUCK FS500 and the IG sealants TREMCO JS442 MF, TREMCO JS443, TREMCO JS680, TREMCO JS880.

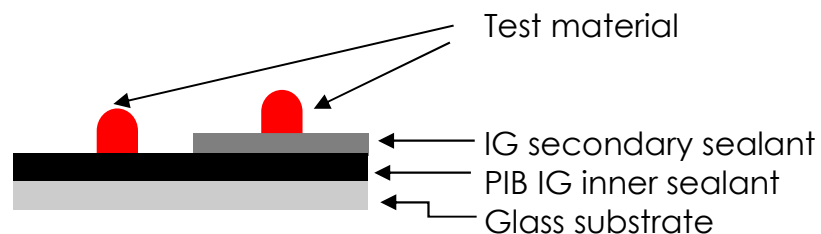
Test Method : Only in direct contact

According to the IFT Guideline DI-01/1 – ‘Three test’ P1

4.1 Description of the test procedure

Identification of incompatibility between IG sealants and other sealants

4.1.1 Test samples



4.1.2 Test method

- Production of 3 test samples (1 reference and 2 test samples),
- Production and pre-storage of each sealant foil (PIB and SD).
The cross-section of the crawler should be 12 mm x 12 mm or approx. 13 mm in diameter +/- 2 mm,
- Conditioning: 24h in the normal climate chamber, 23°C/50% rh,
- Loading: 50°C +/- 2°C in the air recycling stove (2 test samples), before assessment: cooling on room temperature,
- Normal climate: 23°C/ 50% rh (1 reference test sample),
- Visual assessment after 1.3.7.14 and 28 days always as a comparison of the test samples to the reference sample.

4.1.3 Assessment

- Disturbance within the curing process.
- Softening and thickness.
- Brittleness.
- Strong discoloration, especially at transparent and bright materials.

Results

Conditioning		Tests			
		JS442 MF	JS443	JS680	JS880
FS500	23°C	SAS	SAS	SAS	SAS
	50°C	SAS	SAS	SAS	SAS
	70°C	SAS	SAS	SAS	SAS

SAS : Same As Standard : No modification of aspect, No loss of adhesion, no brittleness, no softening, no yellowing, no disturbance.

*additional treatment VS the IFT standard

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Technical Service

Saint Apollinaire
25th May 2021



Note :

These results and recommendations above are based on sample and batch provided by customer. These recommendations have been derived from Tremco Illbruck Laboratory Testing of the samples provided.

Tremco Illbruck can not be held responsible for material, sample differences substitutions or variations in the finishing processes which may alter these recommendations.